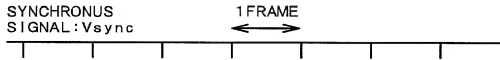
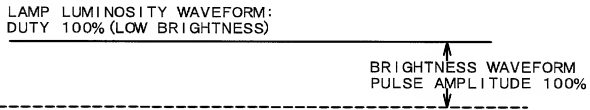


**FIG. 1A**



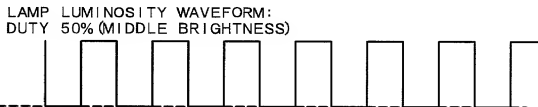
**FIG. 1B**



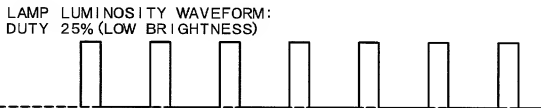
**FIG. 1C**



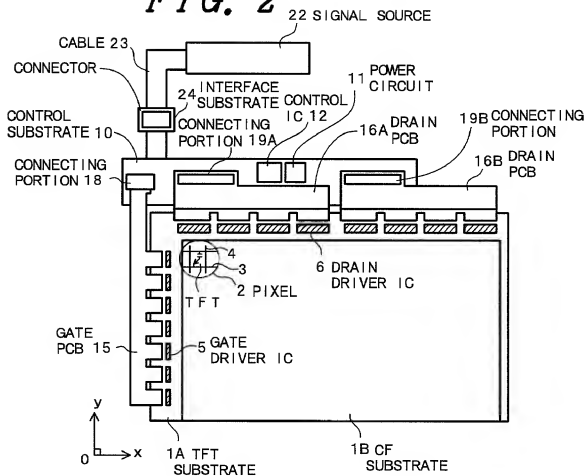
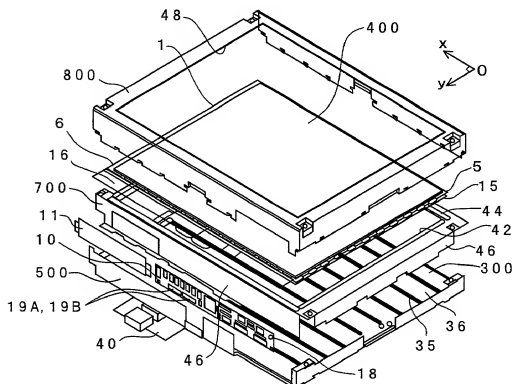
**FIG. 1D**

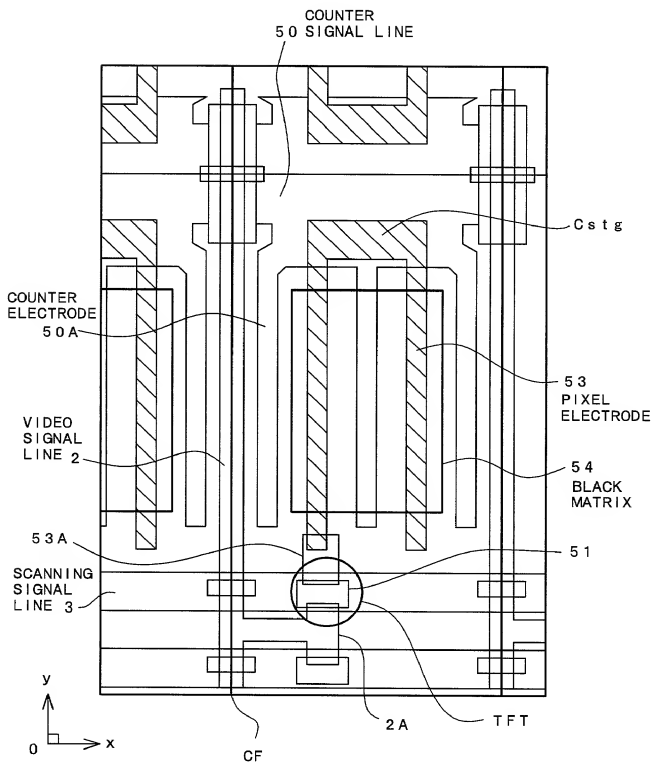


**FIG. 1E**

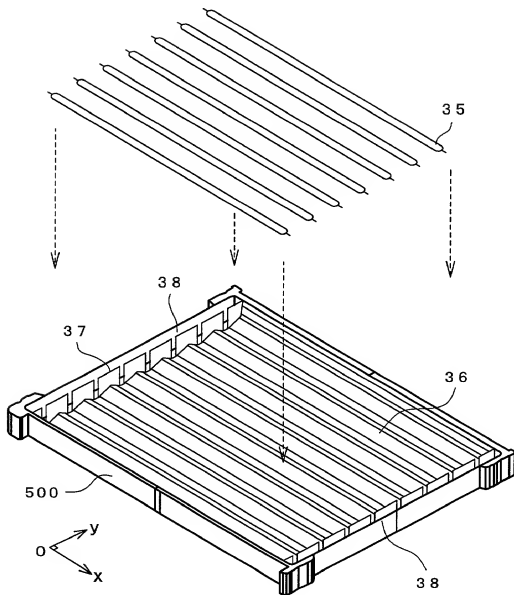


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**FIG. 2****FIG. 3**

**FIG. 4**

**FIG. 5**



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**FIG. 6**

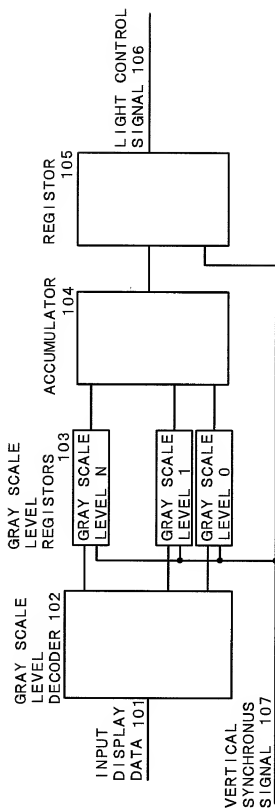


FIG. 7

BACKLIGHT CONTROL SIGNAL 106

108

109

35

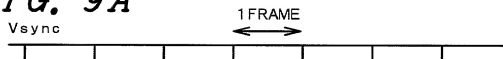
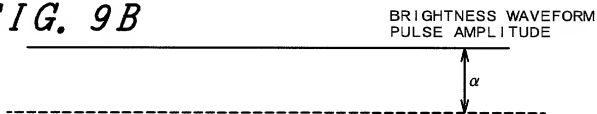
35

300

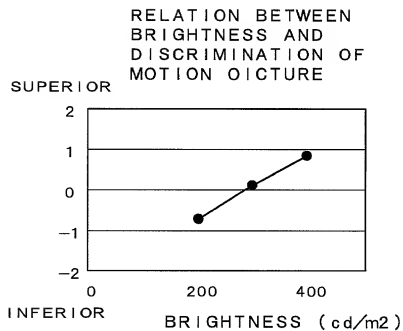
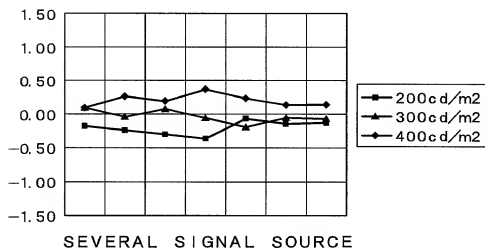
1 FRAME ; 16.7ms

$V_{sync}$   $t$

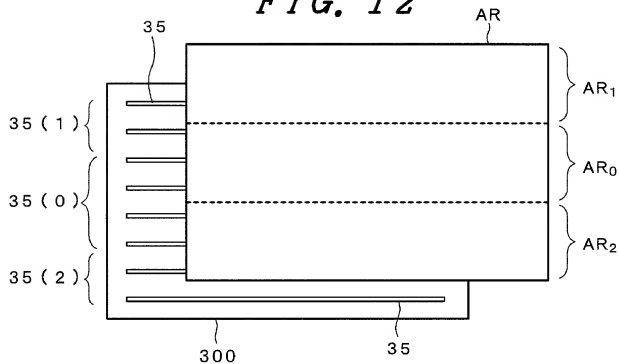
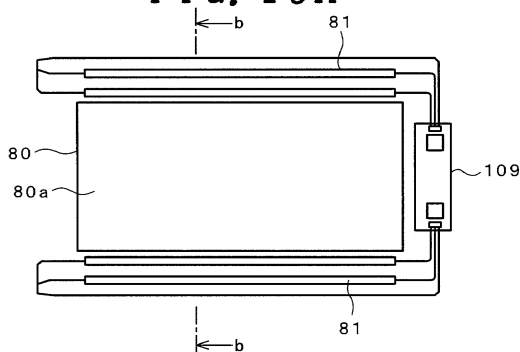
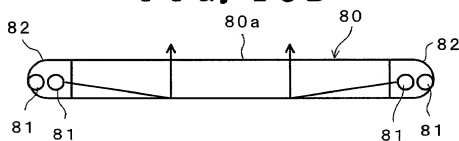
Timing diagram for the DISPLAY DATA input. The signal is high for a duration labeled "WHITE" and low for a duration labeled "BLACK". The horizontal axis is labeled "t".

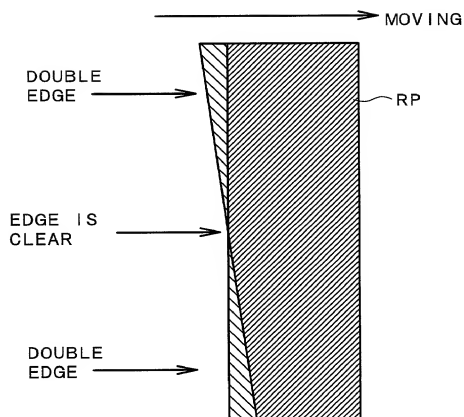
**FIG. 9A****FIG. 9B****FIG. 9C****FIG. 9D****FIG. 9E**

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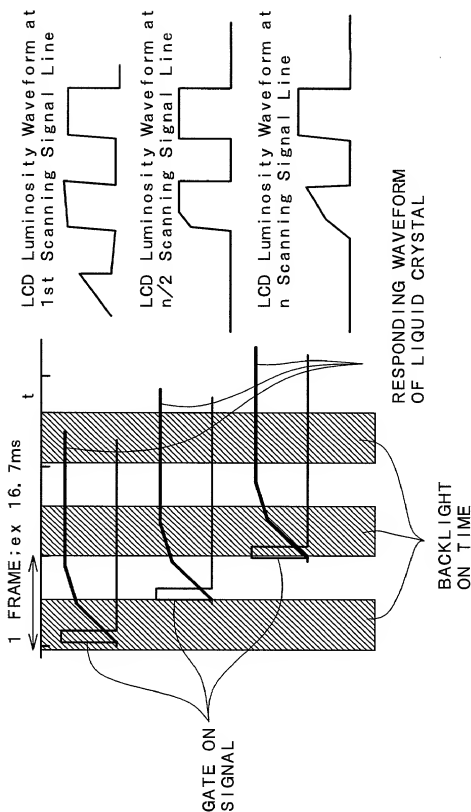
*FIG. 10**FIG. 11*



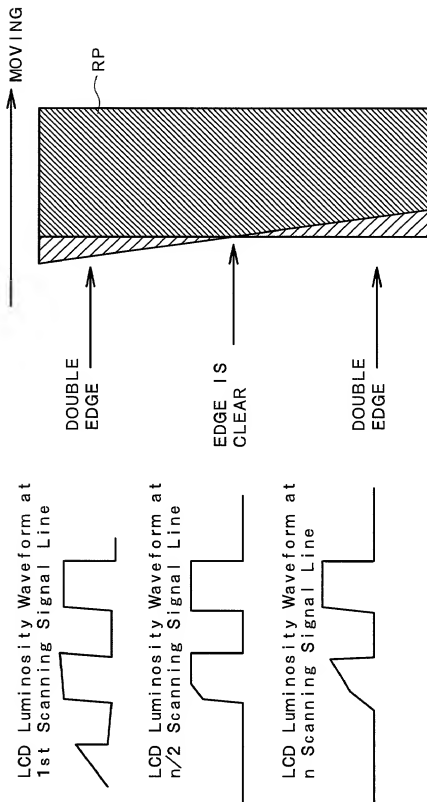
**FIG. 12****FIG. 13A****FIG. 13B**

**FIG. 14**

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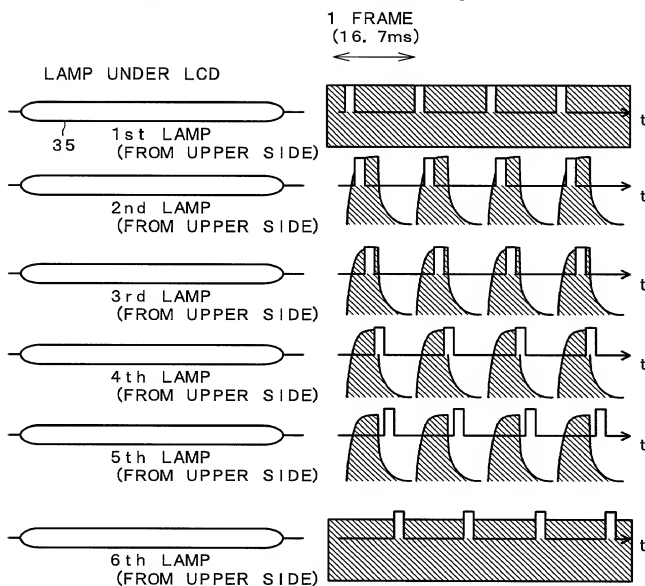
**FIG. 15A****FIG. 15B**SYNCHRONUS SIGNAL:  $V_{sync}$ 

**FIG. 16**

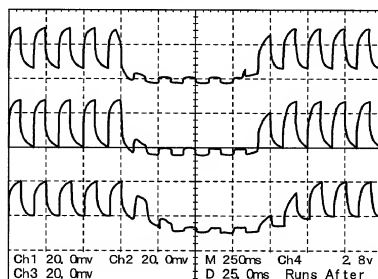


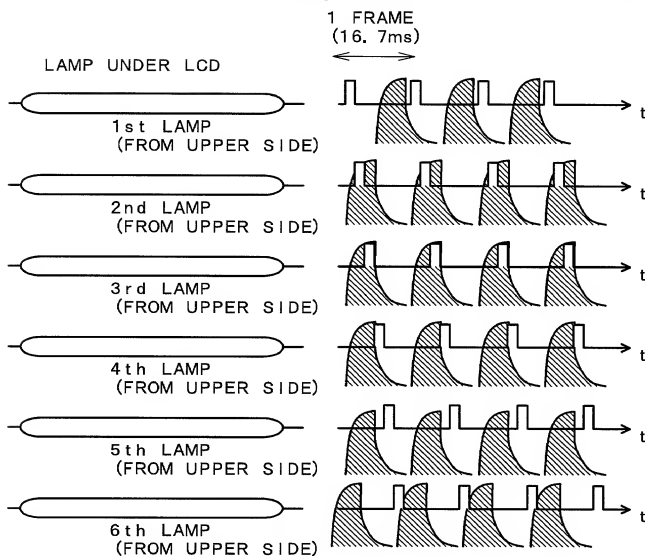
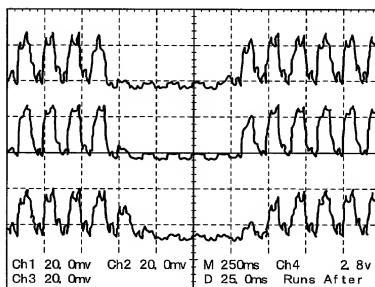
**FIG. 17A**

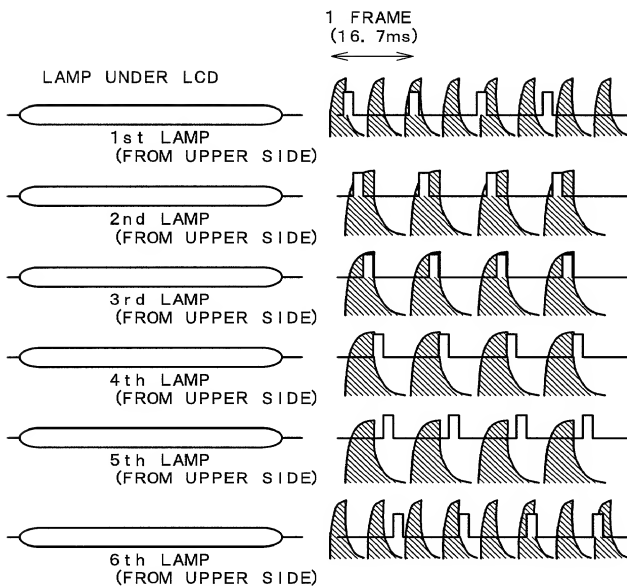
**FIG. 17B**



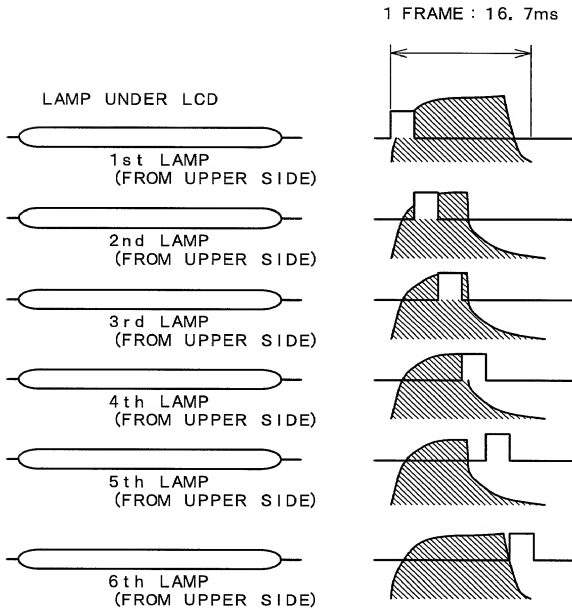
**FIG. 18**



**FIG. 19****FIG. 20**

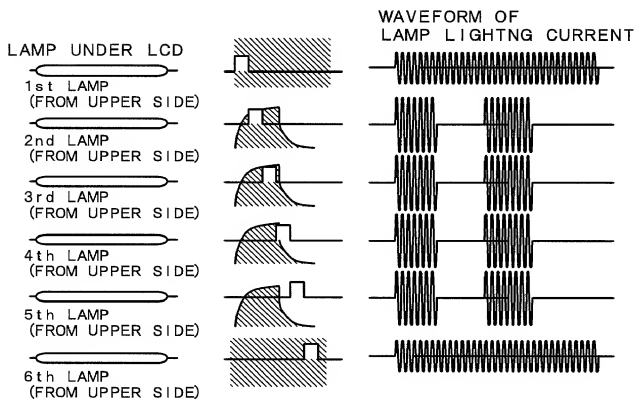
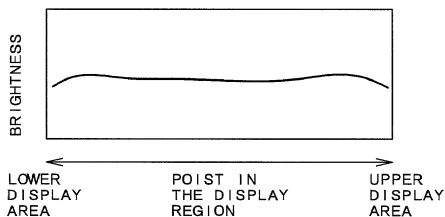
**FIG. 21**

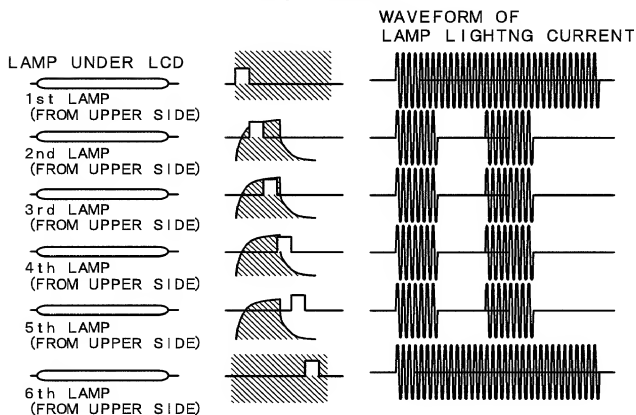
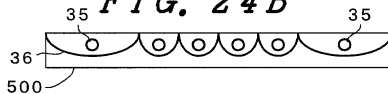
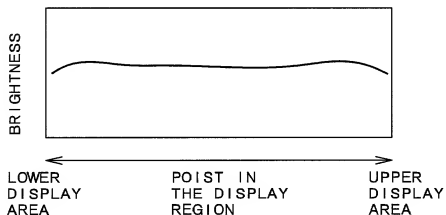
**FIG. 22**

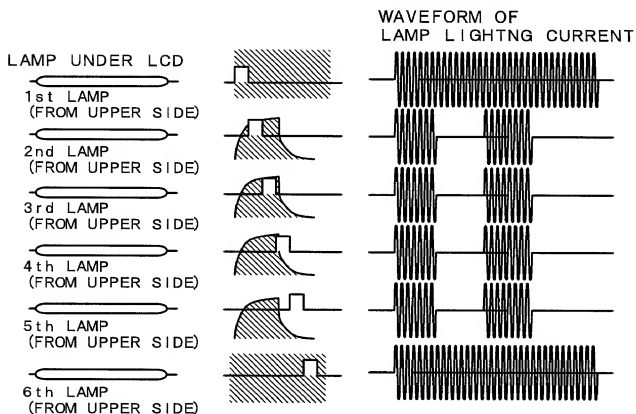
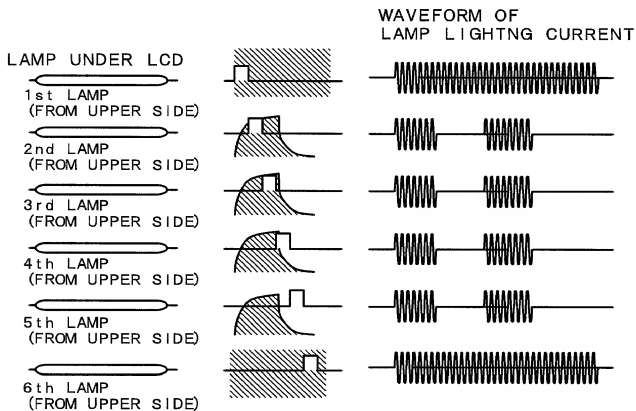


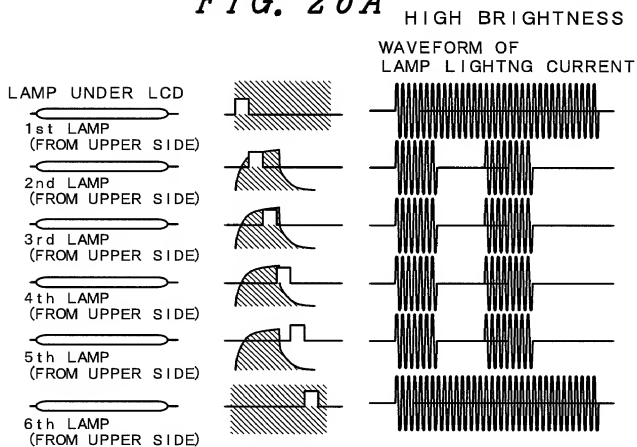
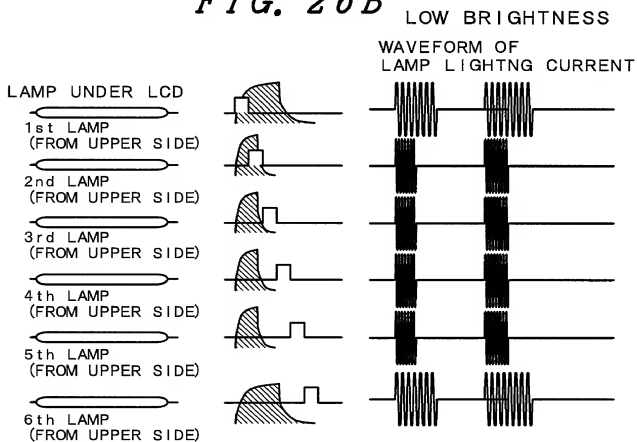
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*FIG. 23A**FIG. 23B*

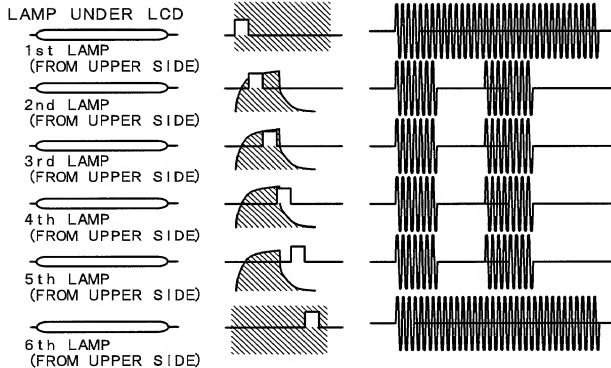
*FIG. 24A**FIG. 24B**FIG. 24C*

**FIG. 25A** HIGH BRIGHTNESS**FIG. 25B** LOW BRIGHTNESS

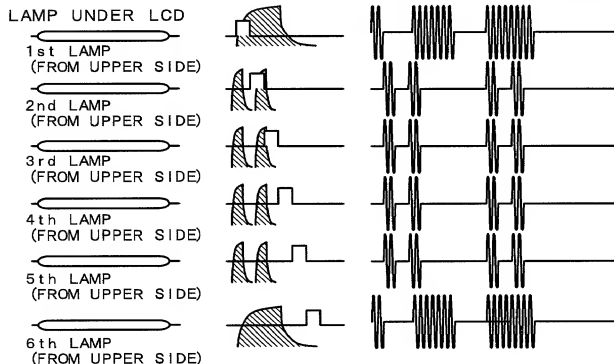
**FIG. 26A****FIG. 26B**

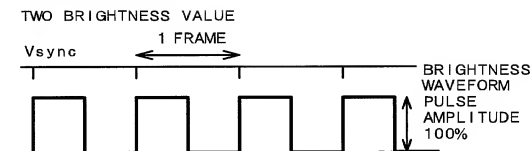
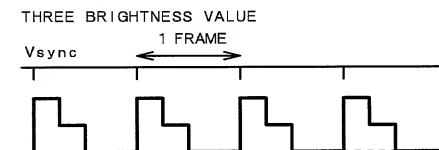
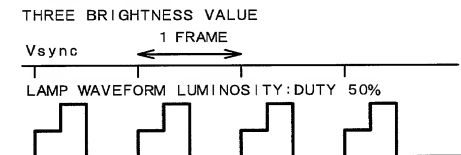
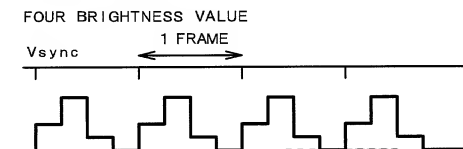
**FIG. 27A**

HIGH BRIGHTNESS

WAVEFORM OF  
LAMP LIGHTING CURRENT**FIG. 27B**

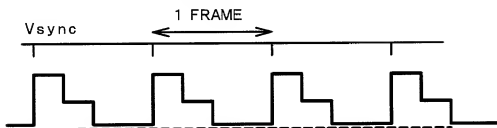
LOW BRIGHTNESS

WAVEFORM OF  
LAMP LIGHTING CURRENT

**FIG. 28A****FIG. 28B****FIG. 28C****FIG. 28D**

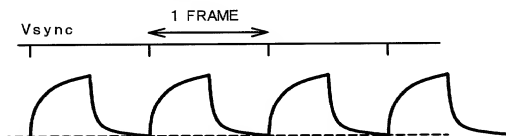
**FIG. 29**

THREE BRIGHTNESS VALUE  
(WITHOUT 0 BRIGHTNESS PERIOD)

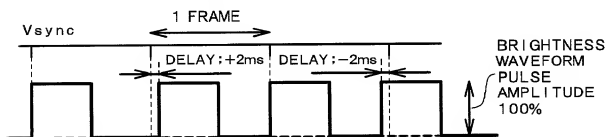


**FIG. 30**

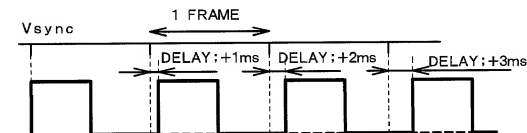
BRIGHTNESS CHANGE  
ANALOGUE CONTROL



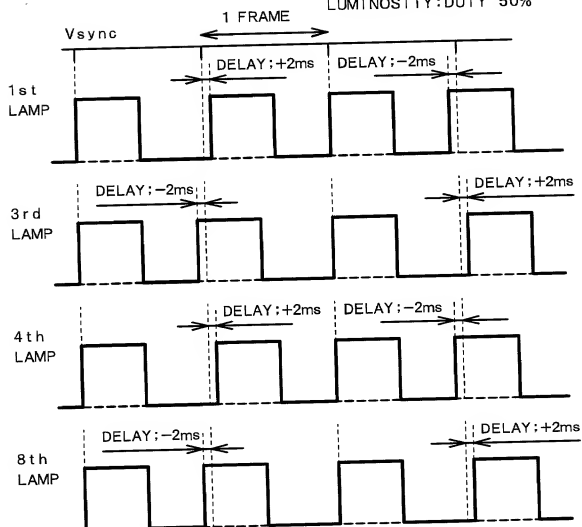
**FIG. 31**



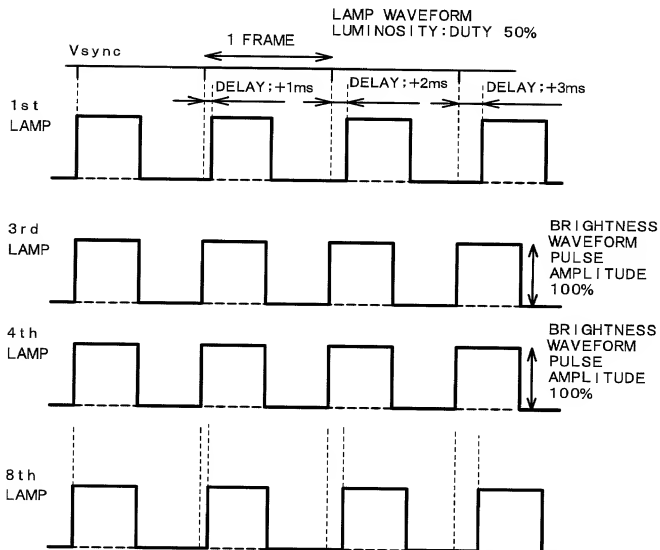
**FIG. 32**



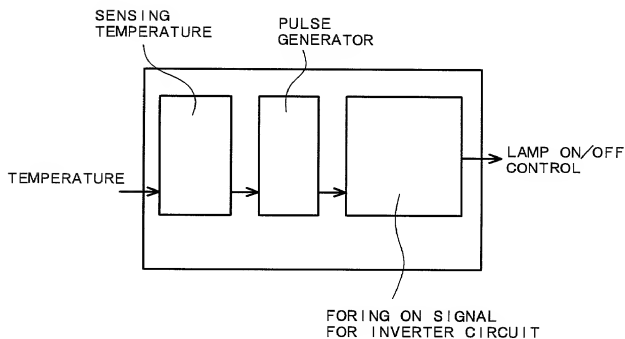
LAMP WAVEFORM  
LUMINOSITY:DUTY 50%





**FIG. 34**

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**FIG. 35A****FIG. 35B**